

PATENT

Application # 09/642,980

Attorney Docket # 1999-0587 (1014-091)

AMENDMENTS TO THE CLAIMS

1 - 41 (Canceled).

42. (Currently Amended) A method comprising a plurality of activities comprising:
receiving, at a wide area network-based intelligent service controller, a request to originate a call to an H.323 entity, the request comprising an alias address associated with the H.323 entity, the wide area network-based intelligent service controller comprising a non-gatekeeper database external to a domain of a calling entity and external to a donor domain of the H.323 entity;

translating, at the wide area network-based intelligent service controller, the alias address to an actual routable network address for the H.323 entity utilizing the non-gatekeeper database;
and

providing the actual routable network address.

43-44. (Canceled)

45. (New) A method comprising:

at a gatekeeper of a first domain, the gatekeeper associated with a location database, the location database comprising home user location information and visiting user location information:

receiving, from a calling H.323 entity registered with the gatekeeper and located in the first domain, a message comprising an alias address of a called H.323 entity, the message originating a call to the called H.323 entity, the called H.323 entity registered as a home entity in a second domain, the called H.323 entity registered as a visitor in a third domain;

PATENT**Application # 09/642,980****Attorney Docket # 1999-0587 (1014-091)**

receiving a called routable alias address for the called H.323 entity, the called routable alias address associated with the alias address of the called H.323 entity, the called routable alias address received from a non-gatekeeper database external to the first domain, the second domain, and the third domain; and sending the called routable alias address to the calling H.323 entity.

46. (New) The method of claim 45, further comprising:
registering the calling H.323 entity with the gatekeeper.
47. (New) The method of claim 45, further comprising:
providing location information related to the H.323 user to the non-gatekeeper database.
48. (New) The method of claim 45, further comprising:
notifying the H.323 user of an approximation of a cost of making the call.
49. (New) The method of claim 45, further comprising:
determining that the H.323 user is visiting the first domain.
50. (New) The method of claim 45, further comprising:
accessing a multimedia call forwarding service for the call based upon information about the H.323 user obtained from the non-gatekeeper database.
51. (New) The method of claim 45, further comprising:
accessing a multimedia call transfer service for the call based upon information about the H.323 user obtained from the non-gatekeeper database.

PATENT

Application # 09/642,980

Attorney Docket # 1999-0587 (1014-091)

52. (New) The method of claim 45, further comprising:
determining that the H.323 user is visiting the first domain and associated with a first H.323 service provider; and
placing the call via a second H.323 service provider.
53. (New) The method of claim 45, further comprising:
determining a service quality for the call based upon information about the H.323 user obtained from the non-gatekeeper database.
54. (New) The method of claim 45, further comprising:
determining a network reliability for the call based upon information about the H.323 user obtained from the non-gatekeeper database.
55. (New) The method of claim 45, further comprising:
storing the called routable alias address in a gatekeeper cache memory.
56. (New) The method of claim 45, wherein an alias address assigned to an H.323 user is kept fixed as the user moves from one physical place to another.
57. (New) The method of claim 45, wherein an alias address assigned to an H.323 user is kept fixed as the user moves from one logical place to another.
58. (New) The method of claim 45, wherein an alias address assigned to an H.323 user is kept fixed as the user moves from one domain to another.

PATENT

Application # 09/642,980

Attorney Docket # 1999-0587 (1014-091)

59. (New) The method of claim 45, wherein a first content portion of the call is routed via a different communication path from a second content portion of the call.
60. (New) The method of claim 45, wherein audio content of the call is routed via a different communication path from non-audio content of the call.
61. (New) The method of claim 45, wherein video content of the call is routed via a different communication path from non-video content of the call.
62. (New) The method of claim 45, wherein the call is routed via multiple carriers.
63. (New) The method of claim 45, wherein the called H.323 entity is associated with a common terminal in the second domain and in the third domain.
64. (New) The method of claim 45, wherein the call is a point-to-multipoint call placed to a plurality of called H.323 entities.
65. (New) The method of claim 45, wherein the call is a multipoint-to-multipoint call placed between a plurality of calling H.323 entities to a plurality of called H.323 entities.
66. (New) The method of claim 45, wherein the alias address is an E.164 number.
67. (New) The method of claim 45, wherein the alias address is a transport address.
68. (New) A machine readable medium comprising instructions to perform a method

PATENT**Application # 09/642,980****Attorney Docket # 1999-0587 (1014-091)**

comprising:

at a gatekeeper of a first domain, the gatekeeper associated with a location database, the location database comprising home user location information and visiting user location information:

receiving, from a calling H.323 entity registered with the gatekeeper and located in the first domain, a message comprising an alias address of a called H.323 entity, the message originating a call to the called H.323 entity, the called H.323 entity registered as a home entity in a second domain, the called H.323 entity registered as a visitor in a third domain;

receiving a called routable alias address for the called H.323 entity, the called routable alias address associated with the alias address of the called H.323 entity, the called routable alias address received from a non-gatekeeper database external to the first domain, the second domain, and the third domain; and

sending the called routable alias address to the calling H.323 entity.